

Antragsgruen

Preparation

Database

Install MySQL

```
sudo apt install mysql-server -y
sudo systemctl enable mysql
sudo systemctl start mysql
```

Setup the installation with `sudo mysql_secure_installation` and choose:

- VALIDATE PASSWORD component: Y
- Password Validation Policy: 3
- Remove anonymous users?: Y
- Disallow root login remotely?: Y
- Remove test database and access to it?: Y
- Reload privilege tables now?: Y

Enter MySQL with `sudo mysql -u root -p` and create Database and user:

```
CREATE DATABASE antragsgruen;
CREATE USER '<my_user>'@'localhost' IDENTIFIED BY '<my_password>';
GRANT ALL PRIVILEGES ON antragsgruen.* TO '<my_user>'@'localhost';
FLUSH PRIVILEGES;
Exit
```

PHP8.4

Add PHP8.4 Repository and install it:

```
sudo apt install software-properties-common
sudo add-apt-repository ppa:ondrej/php
sudo apt update
sudo apt-get install php8.4 php8.4-cli php8.4-fpm php8.4-intl php8.4-gd php8.4-mysql php8.4-opcache php8.4-
curl php8.4-xml php8.4-mbstring php8.4-zip php8.4-iconv
```

Apache2

Install Apache2:

```
sudo apt install apache2
```

Change the default apache2 site (`/etc/apache2/sites-available/000-default.conf`) to:

```
RewriteEngine On

<Directory /var/www/antragsgruen/web>
  AllowOverride all
  Require all granted
</Directory>

<VirtualHost *:80>
  DocumentRoot /var/www/antragsgruen/web
  ServerName antragsgruen.example.org

  # Other directives here
</VirtualHost>
```

Enable the RewriteEngine and restart Apache2:

```
sudo a2enmod rewrite && sudo service apache2 restart
```

Nodejs 20 & npm

Download and execute the NodeSource setup script:

```
curl -fsSL https://deb.nodesource.com/setup_20.x | sudo -E bash -
```

Install Node.js and npm:

```
sudo apt-get install -y nodejs
```

Install

Install the sources and dependencies from the repository:

```
sudo git clone https://github.com/CatoTH/antragsgruen.git
sudo chmod 777 antragsgruen
cd antragsgruen
curl -sS https://getcomposer.org/installer | php
./composer.phar install --prefer-dist
npm install
npm run build
```

To enable the web-based installer:

```
touch config/INSTALLING
```

Set the permissions:

```
sudo chown -R www-data:www-data web/assets
sudo chown -R www-data:www-data runtime
sudo chown -R www-data:www-data config
```

Sources

- [MySQL Guide](#)
- [PHP 8.4](#)
- [Nodejs 20 & npm](#)
- [Antragsgruen](#)

Revision #9

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